

WHAT IS CLAIMED IS:

1. A fuel injector comprising:

a pressure intensifying chamber communicating with a fuel supply passage through a check valve,

a plunger for pressure-intensifying fuel introduced into said pressure intensifying chamber, and

a needle valve for injecting the fuel pressure-intensified in said pressure intensifying chamber through an injection port,

wherein there is provided in said fuel supply passage a throttle passage normally communicating with a fuel drain passage.

2. A fuel injector according to Claim 1, wherein said throttle passage is a throttle hole communicating with a first drain passage for said plunger.

3. A fuel injector according to Claim 2, wherein said plunger is formed in a pressure intensifying cylinder using a fuel supplied and discharged by an electromagnetic valve as an operating fluid, and wherein said first drain passage communicates with a second drain passage for said electromagnetic valve.

4. A fuel injector according to Claim 1, wherein said fuel supply passage has an annular space situated around said plunger and extending vertically in the axial direction, and wherein said throttle passage communicates with a portion above said annular space.